

Title (en)

A tilting device for a vehicle having a tiltable cab.

Title (de)

Kippvorrichtung für ein Fahrzeug mit kippbarer Kabine.

Title (fr)

Dispositif de basculement pour véhicule à cabine basculable.

Publication

EP 0520588 A1 19921230 (EN)

Application

EP 92201915 A 19920626

Priority

NL 9101118 A 19910627

Abstract (en)

The invention provides a tilting device (5) for a vehicle having a tiltable cab (3), comprising a piston cylinder device, one end of which is pivotally connected to the chassis (1) of the vehicle, whereas its other end is connected with the cab (3) through a guide arm (10) positioned in a plane perpendicular to the tilting axis (2), said guide arm having an engagement portion (13), that cooperates with a complementary shaped engagement portion (18) on the cab, in such a way, that the two engagement portions are out of engagement and allow a certain lost motion of the guide arm relative to the cab when the latter is in its rest or driving position, but progressively enter into mutual engagement when the cab is tilted from such position, whereby the guide arm becomes fixed relative to the cabin. The tilting device according to the invention distinguishes from the well-known devices in that the guide arm is flexible in its plane. <IMAGE>

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B62D 33/06

IPC 8 full level

B62D 33/067 (2006.01); **B62D 33/07** (2006.01)

CPC (source: EP)

B62D 33/07 (2013.01)

Citation (search report)

- [AD] FR 2531922 A1 19840224 - SANWA SEIKI MFG CO LTD [JP]
- [A] FR 2239376 A1 19750228 - FORD FRANCE [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 203 (M-241)8 September 1983 & JP-A-58 101 877 (HINO JIDOSHA KOGYO)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 242 (M-417)28 September 1985 & JP-A-60 094 876 (JIDOSHA KIKI)

Cited by

WO2007136341A1; US5684123A; EP1582443A3; NL1003632C2; EP0936131A3; WO9803389A1

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